

WHAT IS CLAIMED IS

1. A regime/regimen for relaxing and/or slackening cutaneous and/or subcutaneous tissue, comprising administering to an individual subject in need of
5 such treatment, a thus-effective amount of manganese and/or at least one salt thereof.
2. A regime/regimen for curatively and/or preventively treating wrinkles and fine lines in the skin, comprising administering to an individual subject in need of
10 such treatment, a thus-effective amount of manganese and/or at least one salt thereof.
3. A regime/regimen for reducing wrinkles and fine lines in the skin, comprising administering to an individual subject in need of such treatment, a
15 thus-effective amount of manganese and/or at least one salt thereof.
4. A regime/regimen for smoothing the skin, comprising administering to an individual subject in need of such treatment, a thus-effective amount of manganese and/or at least one salt thereof.
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5. A regime/regimen for attenuating and/or eliminating microrelief in the skin, comprising administering to an individual subject in need of such treatment, a thus-effective amount of manganese and/or at least one salt thereof.
- 25 6. A regime/regimen for muscularly relaxing and/or slackening cutaneous and/or subcutaneous tissue, comprising administering to an individual subject in need of such treatment, a thus-effective amount of manganese and/or at least one salt thereof.

7. A regime/regimen for relaxing and/or slackening cutaneous and/or subcutaneous tissue, and/or for reducing/preventing wrinkles and fine lines in the skin, and/or for smoothing the skin, and/or for attenuating and/or eliminating microrelief in the skin, comprising administering to an individual subject in need of such treatment, a cosmetic/dermatological composition which comprises a thus-effective amount of manganese and/or at least one salt thereof, formulated into a physiologically acceptable vehicle, diluent or carrier therefor.
8. The regime/regimen as defined by Claim 7, said cosmetic/dermatological composition comprising from 0.0001% to 10% by weight of manganese.
9. The regime/regimen as defined by Claim 8, said cosmetic/dermatological composition comprising from 0.001% to 5% by weight of manganese.
10. The regime/regimen as defined by Claim 7, said cosmetic/dermatological composition comprising manganese in ionic state, or a manganese salt, or a manganese-rich natural, plant or microorganism extract.
11. The regime/regimen as defined by Claim 10, said cosmetic/dermatological composition comprising at least on inorganic and/or organic manganese salt.
12. The regime/regimen as defined by Claim 11, said cosmetic/dermatological composition comprising at least one of manganese gluconate, manganese carbonate, manganese acetate, manganese citrate, manganese oleate, and/or manganese oxalate.
13. The regime/regimen as defined by Claim 11, said cosmetic/dermatological composition comprising at least on of manganese chloride, manganese borate, manganese nitrate, manganese phosphate, and/or manganese sulfate.

14. The regime/regimen as defined by Claim 7, comprising topically applying said cosmetic/dermatological composition onto the skin of said individual subject.

15. A regime/regimen for influencing calcium channels to relax or slacken skin tissue and thus diminish skin wrinkles and fine lines, comprising administering to an individual subject in need of such treatment, a thus-effective amount of manganese and/or at least one salt thereof.

16. A regime/regimen for influencing calcium channels to relax or slacken skin tissue and thus diminish skin wrinkles and fine lines, comprising topically applying onto the skin of an individual subject in need of such treatment, a cosmetic/dermatological composition comprising a thus-effective amount of manganese and/or at least one salt thereof, formulated into a topically applicable, physiologically acceptable vehicle, diluent or carrier therefor.

17. The regime/regimen as defined by Claim 7, said cosmetic/dermatological composition being formulated for oral administration.

18. The regime/regimen as defined by Claim 7, said cosmetic/dermatological composition being formulated for injectable administration.

19. The regime/regimen as defined by Claim 7, said cosmetic/dermatological composition a topically applicable solution, gel, emulsion, cream, oil, milk, makeup, serum, aerosol, vesicular dispersion, or artificial tanning preparation.

20. The regime/regimen as defined by Claim 7, said cosmetic/dermatological composition further comprising a bioaffecting amount of alverine, a keratolytic agent, a chlorine-channel opener, a hydroxy acid and/or a retinoid.

21. A topically applicable cosmetic/dermatological composition suited for influencing calcium channels to relax or slacken skin tissue and thus diminish skin wrinkles and fine lines, comprising (i) a thus-effective amount of manganese and/or at least one salt thereof and (ii) a bioaffecting amount of alverine or salt thereof, a keratolytic agent, a chlorine-channel opener, a hydroxy acid and/or a retinoid, formulated into a topically applicable, physiologically acceptable vehicle, diluent or carrier therefor.
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